

Sequence Listing

<110> Yao Xiong Hu  
<120> Peptides derived from the early region of human papillomaviruses 16 and 18 and immunoassay method for their use.  
<130> Our Reference: Impact Diagnostics  
<140> Current Application Number:  
<141> Filing Date:  
<150> Prior Application Number: 06/194,796  
<151> Prior Application Filing Date: April 5, 2000  
<160> 8 SEQ ID NOS  
<170> Corel WordPerfect 9

<210> SEQ ID NOS 8  
<211> 19  
<212> Type of Sequence: PRT  
<213> Artificial Sequence  
<223> Derived from the E2 early region of HPV-16  
<400> SEQ ID NO 1

Asp Ile Cys Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile  
1 5 10 15  
Cys Glu Glu

<210> SEQ ID NOS 8  
<211> 16  
<212> Type of Sequence: PRT  
<213> Artificial Sequence  
<223> Derived from the E2 early region of HPV-16  
<400> SEQ ID NO 2

His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln Arg  
1 5 10 15

<210> SEQ ID NOS 8  
<211> 30  
<212> PRT  
<213> Artificial Sequence  
<223> Derived from the E7 early region of HPV-16  
<400> SEQ ID NO 3

Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp  
1 5 10 15

Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu  
20 25 30

<210> SEQ ID NOs 8

<211> 20

<212> PRT

<213> Artificial Sequence

<223> Derived from the E7 early region of HPV-16

<400> SEQ ID NO 4

Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile  
1 5 10 15

Arg Thr Leu Glu  
20

<210> SEQ ID NOs 8

<211> 19

<212> PRT

<213> Artificial Sequence

<223> Derived from the E2 early region of HPV-18

<400> SEQ ID NO 5

Glu Lys Thr Gly Ile Leu Thr Val Thr Tyr His Ser Glu Thr Gln Arg  
1 5 10 15

Thr Lys Phe

<210> SEQ ID NOs 8

<211> 19

<212> PRT

<213> Artificial Sequence

<220> Xaa = L-carboxymethylcysteine

<222> Occurrence of Xaa at positions 3 and 17

<223> Derived from the E2 early region of HPV-16

<400> SEQ ID NO 6

Asp Ile Xaa Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile  
1 5 10 15

Xaa Glu Glu

<210> SEQ ID NOs 8

<211> 30

<212> PRT

<213> Artificial Sequence

<220> Xaa = carboxymethylcysteine

<222> Location in sequence

<223> Derived from the E7 early region of HPV-16

<220> Xaa = L-carboxymethylcysteine

<222> 19

<223> Derived from the E7 early region of HPV-16

<400> SEQ ID NO 7

Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp  
1 5 10 15  
Leu Tyr Xaa Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu  
20 25 30

<210> SEQ ID NOS 8

<211> 20

<212> PRT

<213> Organism Scientific Name or Artificial Sequence

<220> Xaa = L-carboxymethylcysteine

<222> 1 8

<223> Derived from the E7 early region E7 of HPV-16

<400> SEQ ID NO 8

Xaa Asp Ser Thr Leu Arg Leu Xaa Val Gln Ser Thr His Val Asp Ile  
1 5 10 15  
Arg Thr Leu Glu  
20